

JSON - SYNTAX

Let's have a quick look on JSON basic syntax. JSON syntax is basically considered as subset of JavaScript syntax, it includes the following:

- Data is represented in name/value pairs
- Curly braces hold objects and each name is followed by ':'(colon), the name/value pairs are separated by , (comma).
- Square brackets hold arrays and values are separated by ,(comma).

Below is a simple example:

```
{
  "book": [
    {
      "id": "01",
      "language": "Java",
      "edition": "third",
      "author": "Herbert Schildt"
    },
    {
      "id": "07",
      "language": "C++",
      "edition": "second",
      "author": "E.Balagurusamy"
    }
  ]
}
```

JSON supports following two data structures:

- **Collection of name/value pairs:** This Data Structure is supported by different programming language.
- **Ordered list of values:** It includes array, list, vector or sequence etc.